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PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | | | |
|---|--------------|-------------|----|
| Attorney Docket No. | 9046-068-999 | Total Pages | 34 |
| <i>First Named Inventor or Application Identifier</i> | | | |
| Q. LI et al. | | | |
| <i>Express Mail Label No.</i> | | | |

APPLICATION ELEMENTS

See MPEP chapters 600 concerning utility patent application contents.

- | | |
|--|--|
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims Small Entity status, see 37 C.F.R. § 1.27</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 23] <i>(preferred arrangement set forth below, MPEP 1503.01)</i></p> <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R&D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description of the Invention (including drawings, if filed) - Claim(s) - Abstract of the Disclosure <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 9]</p> <p>5. <input type="checkbox"/> Declaration [Total Sheets 2]</p> <ul style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i></p> <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies |
|--|--|

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ACCOMPANYING APPLICATION PARTS

- | | |
|---|---|
| 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) | <input type="checkbox"/> Power of Attorney |
| 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> | <input type="checkbox"/> English Translation Document (if applicable) |
| 11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 | <input type="checkbox"/> Copies of IDS Citations |
| 12. <input checked="" type="checkbox"/> Preliminary Amendment | |
| 13. <input type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> | |
| 14. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> | |
| 15. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(i). Applicant must attach form PTO/SB/35 or its equivalent | |
| 16. <input type="checkbox"/> | |
| 17. <input type="checkbox"/> | |

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation

of prior application No.: 10/258,547, filed on October 25, 2002, which is the national phase application of PCT/US01/13336, filed April 25, 2001, which claims benefit to provisional application no. 60/199,389, filed on April 25, 2000.

Prior application information: Examiner: Unassiged

Group Art Unit: Unassigned

The entire disclosure of all prior application is considered a part of the disclosure of the accompanying continuation application and is hereby incorporated by reference.

19. CORRESPONDENCE ADDRESS

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Insert Customer No.

or Correspondence address below

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Prior application: Examiner Unassigned
 Art Unit Unassigned

Commissioner for Patents
 P.O. Box 1450
 Mail Stop PATENT APPLICATION
 Alexandria, VA 22313-1450

Sir:

This is a request for filing a continuation divisional application under 37 CFR § 1.53(b), of pending prior application no. 10/258,547, filed on October 25, 2002, which is the national phase application of PCT/US01/13336, filed April 25, 2001, which claims benefit to provisional application no. 60/199,389, filed on April 25, 2000.

of **Qingbo LI; Kevin LEVAN; Heidi MONROE**

(inventor(s) currently of record in prior application)

for **DENATURANT-FREE ELECTROPHORESIS OF BIOLOGICAL MOLECULES UNDER HIGH TEMPERATURE CONDITIONS**

(title of invention)

1. The filing fee is calculated below:

PATENT APPLICATION FEE VALUE

| TYPE | NO. FILED | LESS | EXTRA | EXTRA RATE | FEE |
|--------------|-----------|------|--|-------------------------|-----------|
| Total Claims | 19 | - 20 | 0 | \$18.00 each | \$ 0.00 |
| Independent | 4 | - 3 | 1 | \$84.00 each | \$ 84.00 |
| | | | Minimum Fee | | \$ 750.00 |
| | | | Multiple Dependency Fee | | \$ 0.00 |
| | | | If Applicable (\$280.00) | | |
| | | | | Total | \$ 834.00 |
| | | | Applicant qualifies for the 50% Reduction for Independent Inventor, Nonprofit Organization or Small Business Concern | | \$ 0.00 |
| | | | | Total Filing Fee | \$ 834.00 |

2. Please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150. A copy of this sheet is enclosed.
3. Amend the specification by inserting before the first line the following sentence: This is a continuation of application no. 10/258,547, filed on October 25, 2002, which is the national phase application of PCT/US01/13336, filed April 25, 2001, which claims benefit to provisional application no. 60/199,389, filed on April 25, 2000.
- 4a. New formal drawings are enclosed.

PENNIE & EDMONDS LLP DOCKET NO 9046-068-999

- 4b. Informal drawings are enclosed.
- 5a. Priority of application no. filed on in is claimed under 35 U.S.C. §119.
- 5b. The certified copy has been filed in prior application no. , filed .
6. The prior application is assigned of record to
- 7a. A copy of the Declaration filed in the prior application no.
- 7b. A Power of Attorney is enclosed.
8. This application contains nucleic acid and/or amino acid sequences required to be disclosed in a Sequence Listing under 37 CFR §§1.821-1.825. It is requested that the Sequence Listing in computer readable form from prior application no., filed on be made a part of the present application as provided for by 37 C.F.R. §1.821(e). The sequences disclosed therein are the same as the sequences disclosed in this application. A copy of the paper Sequence Listing from application no. is enclosed.
9. The undersigned states, under 37 C.F.R. §1.821(f), that the content of the enclosed paper Sequence Listing from application no. is the same as the content of the computer readable form submitted in application no. .
10. DO NOT PUBLISH. I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).
11. Information Disclosure Statement, Form PTO-1449

Date September 15, 2003

Respectfully submitted,

Julius C. Fister, III
For Victor N. Balancia
PENNIE & EDMONDS LLP
1667 K Street, N.W.
Washington, D.C. 20006

Reg. No. 46,702
Reg. No. 31,231